



**KING COUNTY**  
**.NET APPLICATION DEVELOPER**  
**INFORMATION SYSTEMS ANALYST II (23)**  
**DEPARTMENT OF EXECUTIVE SERVICES**  
**INFORMATION AND TELECOMMUNICATIONS SERVICES DIVISION**  
**Annual Salary Range: \$55,012 – \$77,525**  
**Job Announcement: 04CY4321**  
**OPEN: 9/13/04      CLOSE: Open Until Filled**

**WHO MAY APPLY:** This position is open to the general public. This is a **fully-benefited** (medical, dental, retirement) Term-Limited Temporary position that is expected to end on 12/31/2005.

**WHERE TO APPLY:** Required forms and materials **must** be sent to: **Christine Ynzunza, 700 5<sup>th</sup> Avenue, Suite 2300, Seattle, WA 98104, Fax 206-263-4834.** Email applications are encouraged at [HRITS@metrokc.gov](mailto:HRITS@metrokc.gov) (all application materials must be included). Signatures on these documents will be obtained if you are invited for an interview. Applications materials must be received by 4:30 p.m. on the closing date. (Postmarks are NOT ACCEPTED.) **PLEASE NOTE: Applications** not received at the location specified above and those that are not complete may not be processed.

**FORMS AND MATERIALS REQUIRED:**

- A [King County application form](http://www.metrokc.gov/ohrm/jobs/JobApplications.htm). Application forms may be found at <http://www.metrokc.gov/ohrm/jobs/JobApplications.htm>.
- Resume
- Answers to the attached supplemental questionnaire
- Letter of interest detailing your background and describing how you meet or exceed the requirements

**WORK LOCATION:** 700 5<sup>th</sup> Avenue, Key Tower, Downtown Seattle, WA.

**WORK SCHEDULE:** This position is exempt from the Fair Labor Standards Act and not overtime eligible. The normal workweek is Monday through Friday 8:00 am to 5:00 pm.

**PRIMARY JOB DUTIES:** This position will support a County wide criminal justice application integration project. This position will join the existing integration team and will participate in all phases of the systems development life cycle including requirements, analysis, design, development and implementation of integration solutions. Duties for this position include:

- Participate in the design, development, testing and implementation of new web based applications within an Enterprise Application Integration environment, including integration with legacy applications and databases.
- Identify and document client requirements utilizing object oriented design methodologies.
- Utilize BizTalk to implement integration solutions.
- Develop and execute test plans and test scenarios based on requirements and specifications including utilization of efficient debugging processes.
- Support existing production integration applications and associated infrastructure.
- Assist in debugging complex application integration problems.
- Other duties as assigned.

**QUALIFICATIONS:** The successful candidate will have a bachelor's degree in business, computer science or related field. Five years programming experience may be substituted for a degree. Successful candidates will have a demonstrated work history of increasingly responsible experience in the following areas:

- A minimum of four years of design, development, and implementation experience using one or more of the following environments: ASP, Visual Basic, C++, C# or JAVA.
- At least one year of experience in the design and development of VB.NET, ASP.NET, ADO.NET, .NET Web Services, and XML.
- Experience in the development and use of XSLT templates.
- Knowledge and experience architecting Enterprise Application Integration solutions including object oriented design and development.
- Demonstrated working knowledge of structured analysis and design methods (like UML) and be able to apply these in creating detailed technical designs.
- Knowledge and experience with computer, software, security and database industry standards and best practices.
- Demonstrated ability to perform complex systems analysis and information systems requirements definition experience.
- Demonstrated ability to work effectively in a team environment.
- Excellent ability to communicate verbally and in writing to a wide range of individuals to include clients at various levels.
- The demonstrated ability to deliver complex technical projects within tight schedule and budget constraints

**DESIRED QUALIFICATIONS:**

- Experience developing and implementing integration solutions using BizTalk.
- Experience architecting application integration solutions, including mainframe data.
- Experience with Microsoft Host Integration Server.
- Experience with IIS.
- Experience with SQL Server, writing stored procedures and triggers (TSQL), defining tables, creating foreign key constraints and DTS packages.
- Experience with message queuing products such as IBM MQ Series and/or Microsoft MSMQ
- Experience working with electronic public access to on-line information and related security concerns.

**NECESSARY SPECIAL QUALIFICATIONS:**

- The ability to arrive at the designated worksite in a timely manner when public transportation may not be readily available.
- Applicants selected for this position may be required to pass a background check and criminal history screening.

**SELECTION PROCESS:** Applications will be screened for qualifications and clarity. Competitive applicants may be invited to participate in an interview.

**UNION MEMBERSHIP:** This position is represented by Local 17, Professional and Technical Unit.

**CLASS CODE:** 440101

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Supplemental Questionnaire**

Please provide a concise written response to the following questions. You will be evaluated on your level and extent of experience, level of technical knowledge and clarity of response. Please include your name and job number at the top of each page.

1. Describe the process you use for obtaining requirements for a new application. Please include any specific requirements definition experience.
2. Describe your background and experience developing and supporting integration applications using Biztalk, Host Integration Server, or other integration technologies. Tell us about the most complex integration application you developed. Please include the following information in your response:
  - Size of the development team, project duration, cost and your role on the project
  - Number of system users
  - Criticality of the application
  - Levels of user security defined within the application
  - Database/data sources and development tools used
  - Interfaces required with other applications and environments
  - Experience defining new Web-based environments
3. Describe the server environments that you have both developed on and deployed to. What was your role in these efforts? Describe your experience supporting production applications in an integration environment.
4. Describe your experience supporting clients.
5. Describe your .NET experience. Please include .NET Tools used and description of projects you worked on and implemented.
6. Describe your experience with XML and XSLT.
7. Please complete the skills matrix found on the next page:

Skill	Version	Years of Experience	Month/Year Last Used	Self Rating (1-5) 1=novice 5=expert
<b>Development Tools</b>				
Visual Basic				
Visual Basic .NET				
ASP				
ASP.NET				
Host Integration Server				
<b>Messaging</b>				
Biztalk				
IBM MQ Series				
Microsoft MSMQ				
Integration Architecture				
<b>Data Base</b>				
Data Modeling				
Database Design				
ADO.NET				
XML				
XSLT				
<b>SQL Server</b>				
SQL Server				
Transact SQL (TSQL)				
Stored Procedures				
DTS Packages				
<b>Mainframe</b>				
COBOL				
CICS				
VSAM				
<b>Systems Development Life Cycle</b>				
<b>Requirements Definition Experience</b>				